



MAT-5870US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Akiko Ishida et al.
Serial No.: 09/042,681
Filed: March 12, 1998
For: LITHIUM SECONDARY BATTERY

: Art Unit: 1745
: Examiner: J. Crepeau

TO: 1700 MAIL ROOM

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AMENDMENT

Assistant Commissioner for Patents
Washington, DC 20231

S I R :

Responsive to the Official Action dated **June 27, 2002**, please amend the above-identified application as follows:

IN THE CLAIMS:

Please replace claims 16 and 22 with the following amended claims:

- 1 16. (As Amended) A lithium polymer secondary battery comprising:
- 2 a positive electrode;
- 3 a negative electrode which is negative during discharging of the
- 4 battery;
- 5 a gel polymer electrolyte comprising polymer and an organic
- 6 electrolyte solution dissolving a lithium salt; and
- 7 ceramic particles having a content of 1 to 10 parts by weight in 100
- 8 parts by weight of active substance in the negative electrode;
- 9 the particle size of the ceramic particles is 10 microns or less; and
- 10 the gel polymer electrolyte does not comprise ceramic particles.